

# Robert McFarlane

## Full Stack Developer

Efficient, detail-oriented full-stack developer with experience developing and deploying complete web solutions. Proficient with PHP and Laravel backend architecture, and frontend technologies, including React, jQuery and TypeScript. Adaptable to changed technologies and environments.

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github.com/Robztar

## WORK EXPERIENCE

### Full Stack Developer Genesys Digital Ltd.

06/2024 - Present

Trelawny, Jamaica

Provides attendance logging via ID scans and records user inputs for periodic reports.

#### Achievements/Tasks

- Engineered and deployed multi-tenant applications leveraging Laravel's containerized architecture and connection to MySQL database server.
- Enhanced application security and streamlined user authentication by reinforcing data integrity across multi-tenant architecture.
- Contributed to improved user satisfaction through feature updates, bug fixes, and UI/UX improvements.

## PROJECTS

### Chartspllosion (04/2024 - Present)

- A project to visualize data using React, Chart.js, TypeScript, zustand, SCSS.
- Built complete data visualization workflow from input parsing to graphical rendering.

### GroundUp House Designer (08/2022 - 12/2022)

- A React web app that facilitates house modelling, with both 2D and 3D viewing capabilities implemented using three.js.
- Provides details about the model including dimensions and material quantity estimation.

## EDUCATION

### BSc in Computer Science

#### Northern Caribbean University

08/2018 - 08/2023

GPA 3.71

#### Courses

- Website Design and Implementation
- Data Structures and Algorithms
- Database Systems
- Artificial Intelligence

## SKILLS

Web development

React.js

HTML

CSS/SCSS

UI/UX

TypeScript

JavaScript

jQuery

PWAs

Database Systems

MySQL

PHP

Laravel

Scalable Architecture

Multitenancy

API Integration

JSON

Spreadsheets (csv)

Data Management & Analysis

Version Control (Git)

Collaboration

Problem-Solving

Critical Thinking

Creativity

Time Management

Adaptability

Attention to Detail

Self-Motivation

## AWARDS

Most Outstanding Student in Data Structures and Algorithm (01/2020 - 05/2020)

Most Outstanding Student in Website Design and Implementation (08/2020 - 12/2020)

Most Outstanding Student in Advanced Application Development (08/2020 - 12/2020)

Most Outstanding Student in Database Systems (01/2022 - 05/2022)

Most Outstanding Student in Foundations of Information System (08/2022 - 12/2022)

Most Outstanding Student in Advanced Project/Research in CIS (08/2022 - 12/2022)